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CONFIDENTIALCENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

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COUNTRY Rumania

SUBJECT Gheorghiu Dej Metallurgical Plant, Hunedoara

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1. The "Gheorghiu Dej" (Zheordzhiyu Dezh) Metallurgical Plant in Hunedoara, Rumania, the largest metallurgical plant in the Balkan peninsula, has the following shops:
 - a) Blast furnaces
 - b) Steel shop
 - c) Smelting Shop
 - d) Steel cutting shop
 - e) Pattern Shop
 - f) Railroad freight station

The plant has five Siemens-Martin blast furnaces each with a diameter of six meters. During a 24-hour period, they smelt 400 tons of metal and produce 150 tons of iron. The plant has storage areas for ore imported from Czechoslovakia and USSR and for coal.

2. The steel shop consists of a Siemens-Martin openhearth furnace eight m long, six m wide, and eight m high. Three smaller furnaces, each four m long, five m wide, and six m high operate on scrap iron.
3. The steel cutting shop, located in a barrack 30 x 20 x 10 m, processes steel blooms two to four m in length and round stock eight to ten m in length.
4. The pouring shop has two of the same type furnaces.
5. The pattern shop is located in a one-story building.

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6. The railroad freight station has one thousand workers and contains a school for metallurgical workers.
7. The plant employs 10 thousand workers and three thousand military personnel. One hundred Soviet engineers and one German engineer are in the administrative section of the plant.
8. The working hours for office personnel are from 0700 to 1500 hours. Plant workers work in three shifts, which are from 0700 to 1500 hours, from 1500 to 2300 hours, and from 2300 to 0700 hours. The employees working and living conditions are poor. Most of the workers are treated as prisoners and are under the surveillance of the police. They live in wooden and unsanitary barracks.
9. Legend for the numbers in the diagram for the area of the "Gheorghiu Dej" Metallurgical Plant:
 - 1) Twelve wooden barracks
 - 2) Nine wooden barracks
 - 3) Water tank, 10 x 15 m
 - 4) Underground water tank, 20 x 30 m, off-limits area
 - 5) Wooden house for the caretaker
 - 6) Downward slope which at the present time is being leveled for the construction of a coke plant
 - 7) Water tank, red sheet metal construction, height 20 m, diameter 20 m, water is used for cooling the blast furnaces
 - 8) Garden with trenches
 - 9) Twelve wooden barracks
 - 10) Stone Quarry
 - 11) Three groups of wooden barracks among the trees, used for military personnel, off-limits area
 - 12) Wooden sign-board, "Entrance forbidden from 0800 to 1700 hours"
 - 13) Old castle [Hunedoara Castle]
 - 14) Party headquarters
 - 15) Town Hall
 - 16) Militia [post]
 - 17) Seven wooden barracks for technicians operating the new coke plant
 - 18) Fifteen wooden barracks for workers
 - 19) Office for Communist Youth [Union of Working Youth]
 - 20) Firefighting Station
 - 21) Office of the guards
 - 22) Headquarters of the militia, (political prisoner cells with up to 40 centimeters of water), 35 x 15 m
 - 23) Library

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- 24) Plant Office
- 25) Plant Office
- 26) Technical School
- 27) Barracks and Offices
- 28) Warehouses for materials
- 29) Plant railroad station
- 30) Pattern Shop
- 31) Warehouses for iron rods
- 32) [Not Listed]
- 33) Four blast furnaces, diameter six m, equipped with 20-cm hoop, coke-fired
- 34) Five turbo-air-compressors
- 35) Pouring shop with two furnaces, each five m in diameter and 25 m high. Each furnace has an ore elevator and a power shovel. Produces tubes, five to 50 centimeters in diameter and eight meters long
- 36) Fire lookout tower, 40 m high
- 37) Open storage area for slag
- 38) Warehouse for iron
- 39) Steam furnace
- 40) Open storage area for coke
- 41) Four wooden barracks for workers
- 42) Storage areas
- 43) Warehouse for construction materials
- 44) Steel smelting shop. Four furnaces which operate with heavy oil [probably fuel oil] and compressed air, produce 60 tons of steel in 24 hours. Forge section produces pieces up to five m in length.
- 45) Three track locomotive yard with a roof
- 46) Railroad station with five lines [tracks]
- 47) Water tank [Listed but not shown on diagram]
- 48) Coal storage area [Listed but not shown on diagram]
- 49) Water tank for locomotives
- 50) Water tank for locomotives
- 51) Coal storage area
- 52) Warehouse for iron
- 53) Storage area for various materials
- 54) Warehouse for parts of furnaces
- 55) Warehouse for locomotive parts
- 56) Eight wooden sleeping quarters
- 57) Storage area for material imported from USSR

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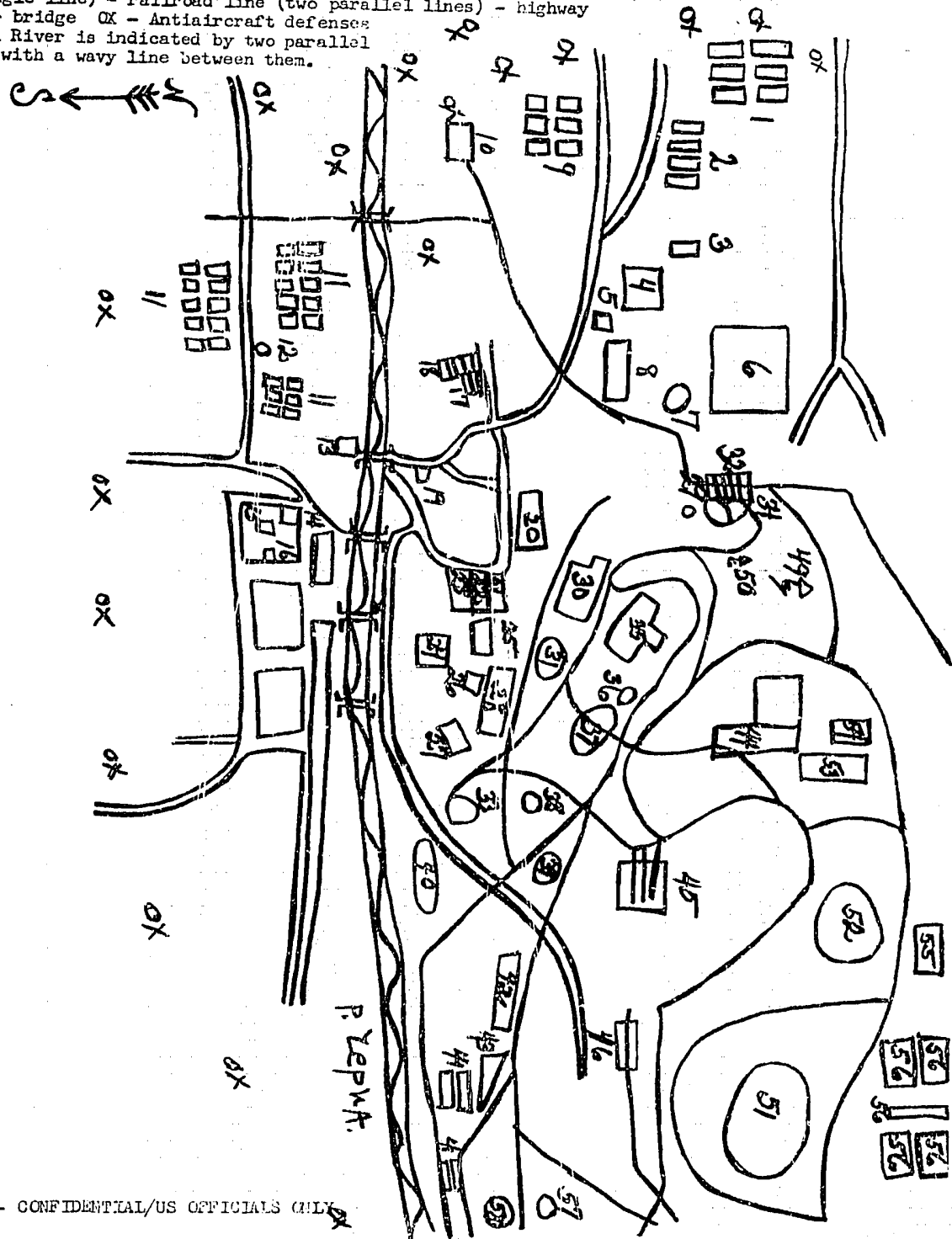
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56) Storage area for material imported from USSR

The antiaircraft defense posts consist of three batteries which are located in the plant area. Each of these posts is located in a ground entrenchment and is manned constantly by four-five military personnel. In addition to this, defense posts are located in the plant area. Two militiamen armed with submachine guns and pistols patrol the area during the night.

Legend for symbols in diagram of the area of the "Gheorghiu Dej" Metallurgical Plant:
 (single line) - railroad line (two parallel lines) - highway
 // - bridge OX - Antiaircraft defenses
 Cherna River is indicated by two parallel lines with a wavy line between them.



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